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**Fields et al.**

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(54) **VEHICLE OPERATOR EMOTION MANAGEMENT SYSTEM AND METHOD**

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(52) **U.S. Cl.**  
CPC ..... **G08B 21/02** (2013.01); **G06Q 30/0283** (2013.01); **G06Q 40/08** (2013.01)

(58) **Field of Classification Search**  
USPC ..... 705/4, 2, 3, 38, 39, 37; 340/4.42, 576, 340/611; 297/217.3  
See application file for complete search history.

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(57) **ABSTRACT**

The method, system, and computer-readable medium facilitates monitoring a vehicle operator during the course of vehicle operation to determine whether the vehicle operator is in an emotionally impaired state (e.g., aggressive or agitated) and presenting appropriate stimuli (e.g., music or sound recordings) to the vehicle operator when impairment is detected. The vehicle operator, the environment surrounding the vehicle, or forces acting on the vehicle may be monitored using a variety of sensors, including optical sensors, accelerometers, or biometric sensors (e.g., skin conductivity, heart rate, or voice modulation). When the vehicle operator is determined to be in an emotionally impaired state, stimuli are selected to improve the emotional state of the vehicle operator. The selection is based on sensor

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